

Figure 1

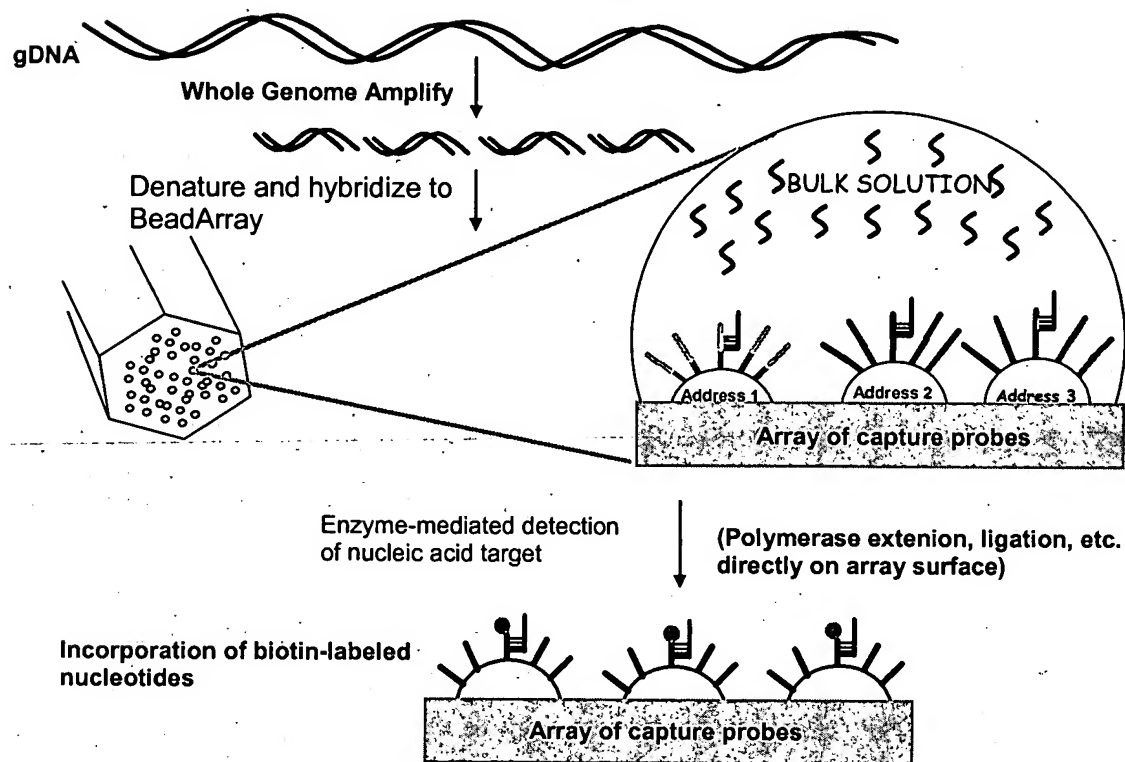
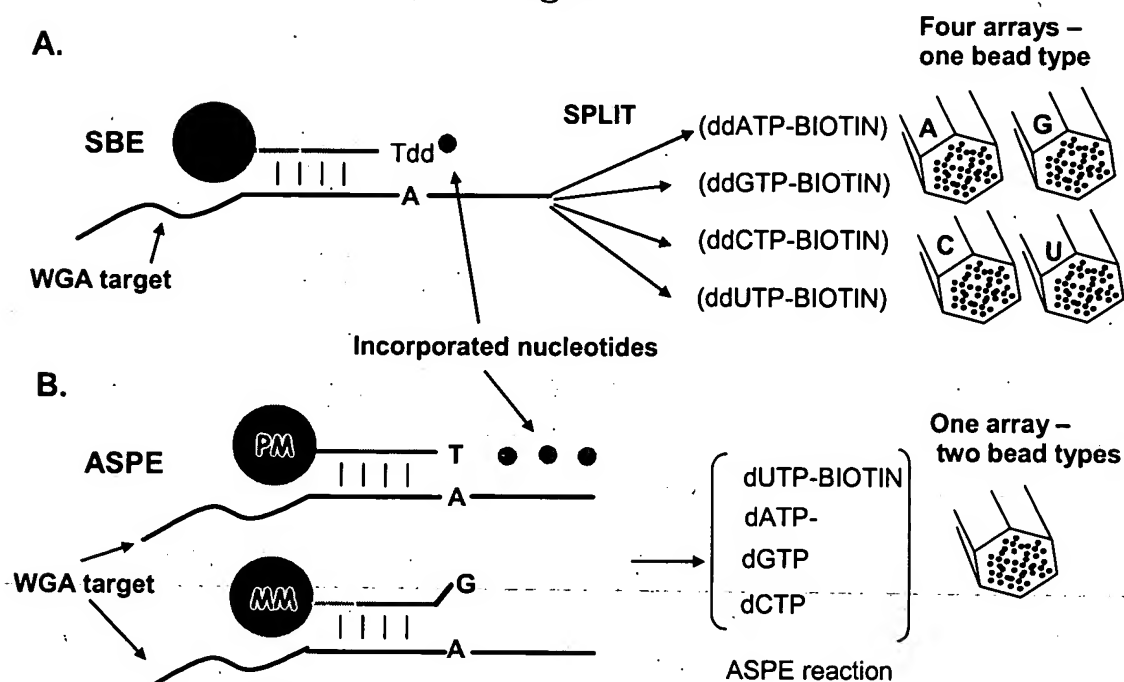
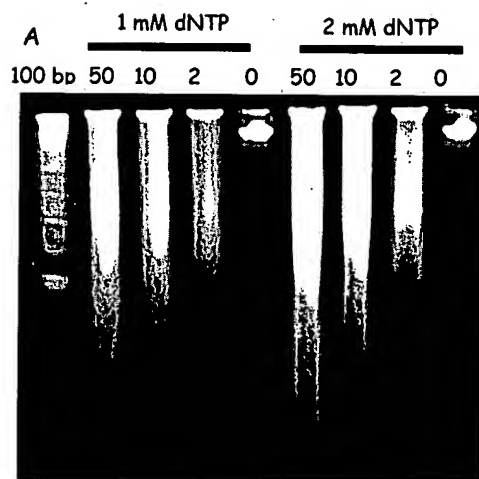


Figure 2**Figure 3****B.**

Condition	dNTPs (mM)	Primer (uM)	Yield (ug)	Amplification
1	1	50	49.5	4950
2	1	10	28.5	2850
3	1	2	12.0	1200
4	1	0	6.0	600
5	2	50	79.5	7950
6	2	10	42.0	4200
7	2	2	21.0	2100
8	2	0	6.0	600

Figure 4

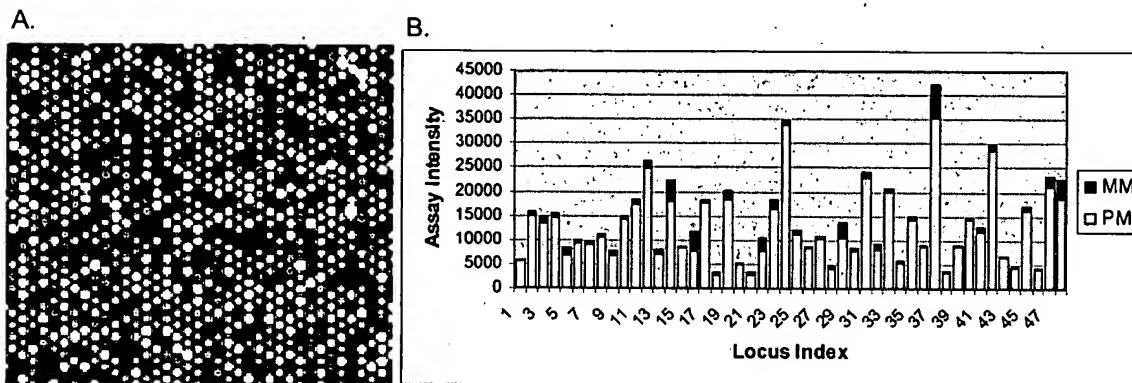


Figure 5

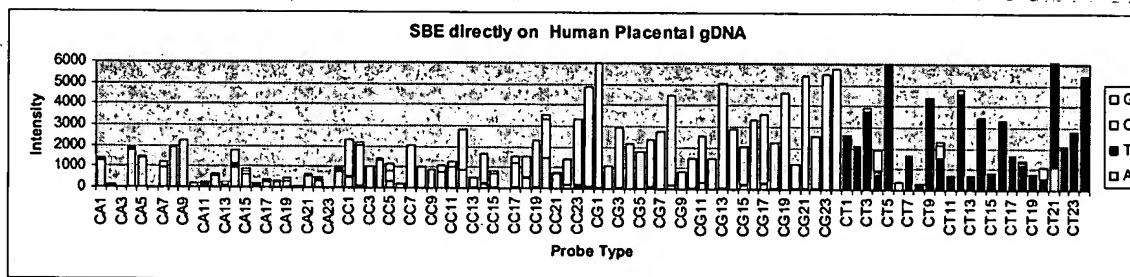


Figure 6

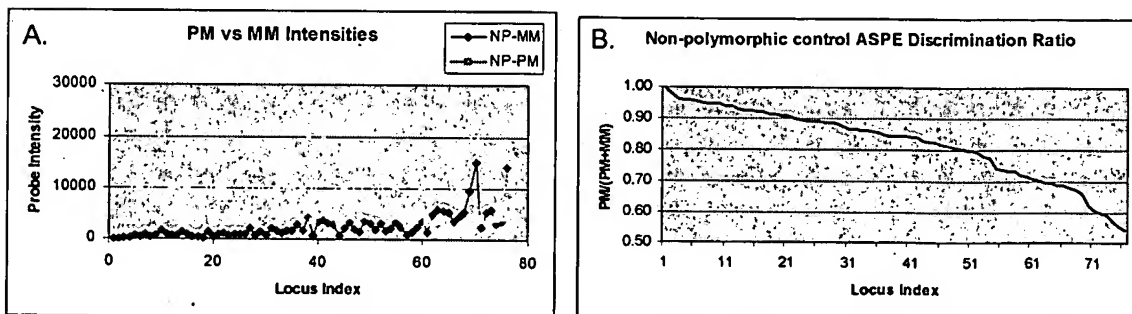


Figure 7

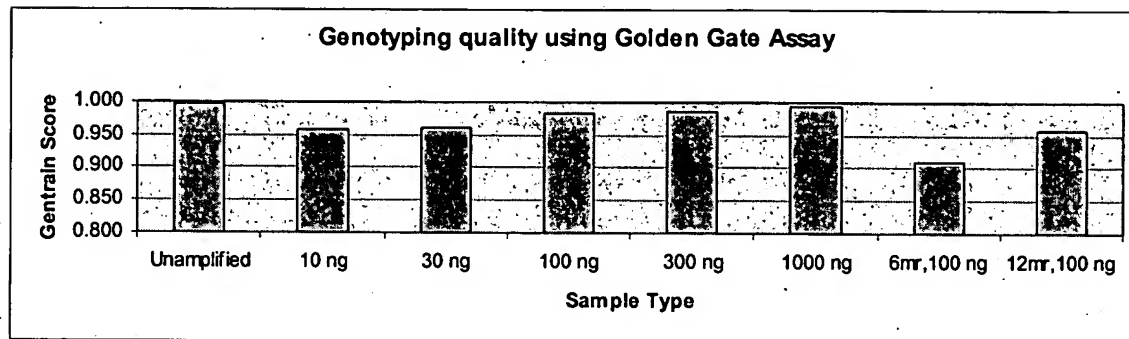


Figure 8

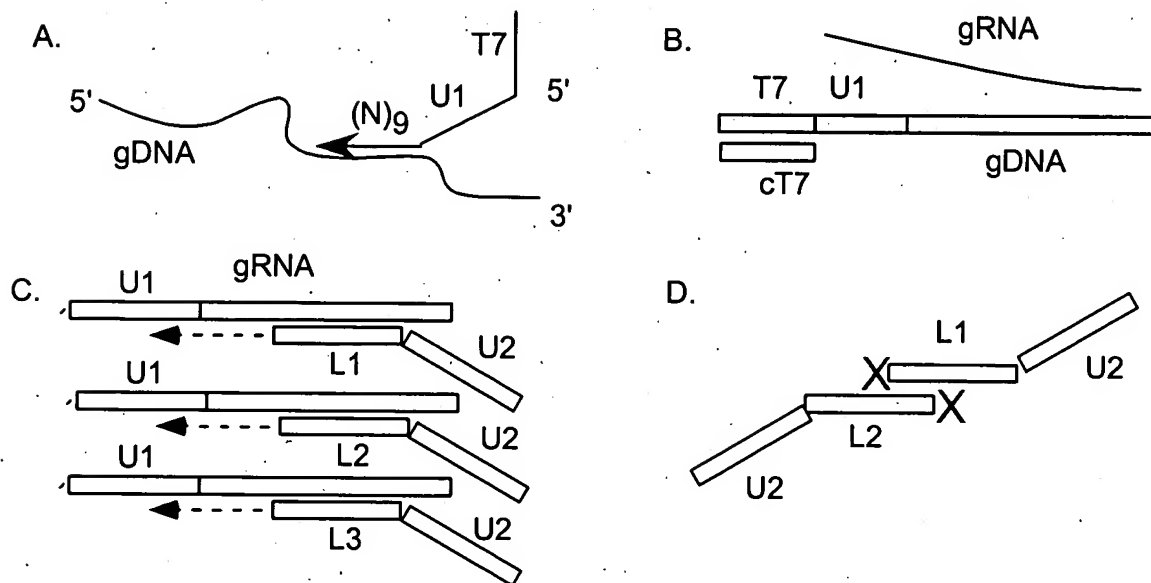


Figure 9

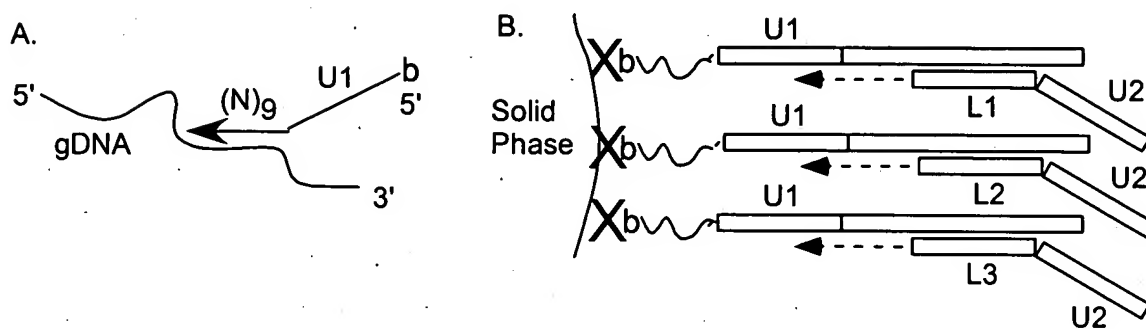


Figure 10

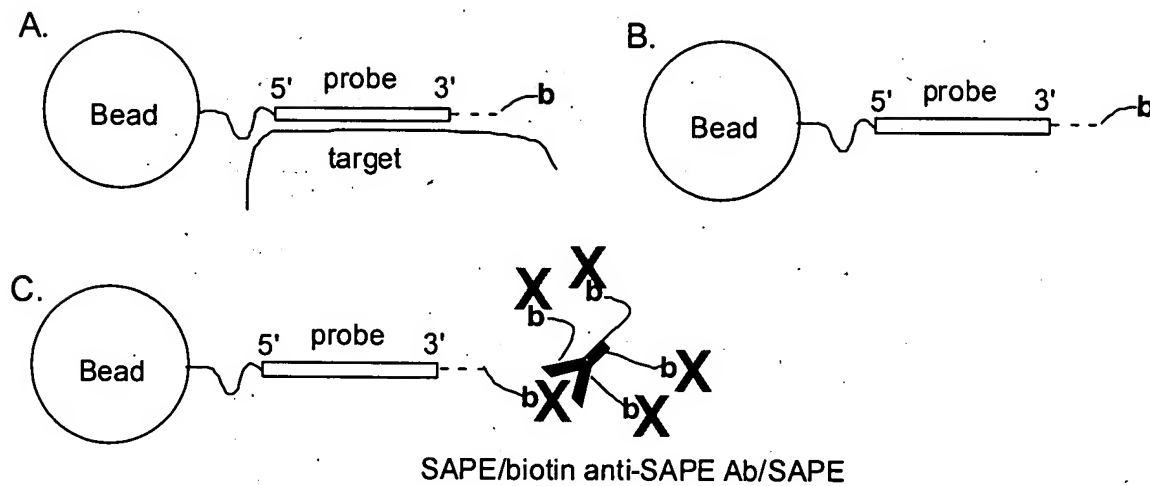


Figure 11

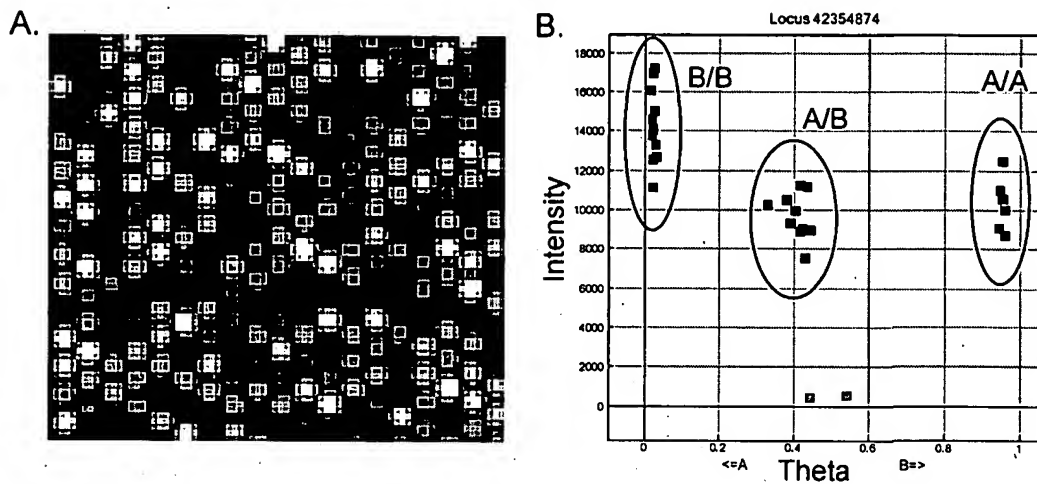


Figure 12

A.

Genotyping Accuracy:			
Call Rate	Accuracy	Calls	Correct Calls
100%	99.95%	4092	4090
99.70%	100%	4078	4078

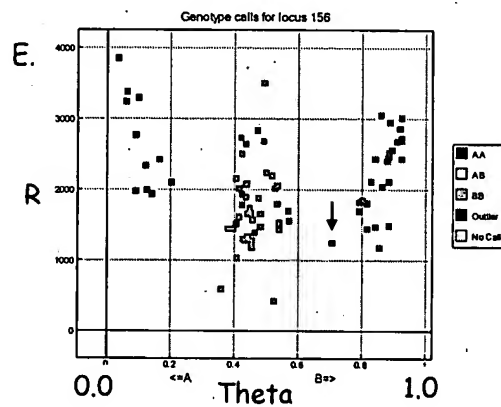
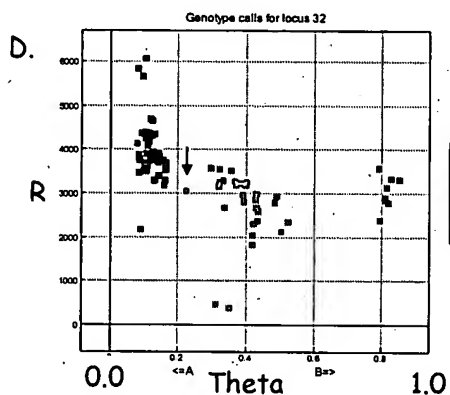
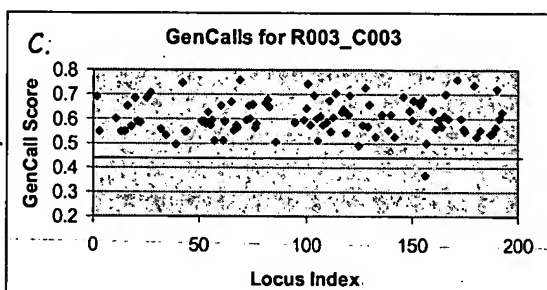
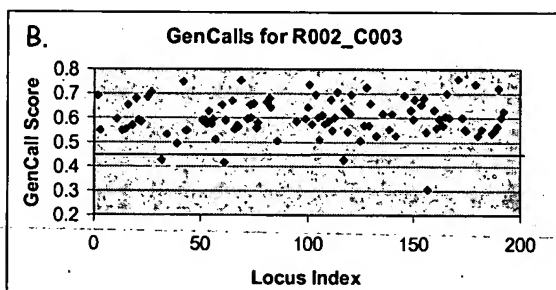


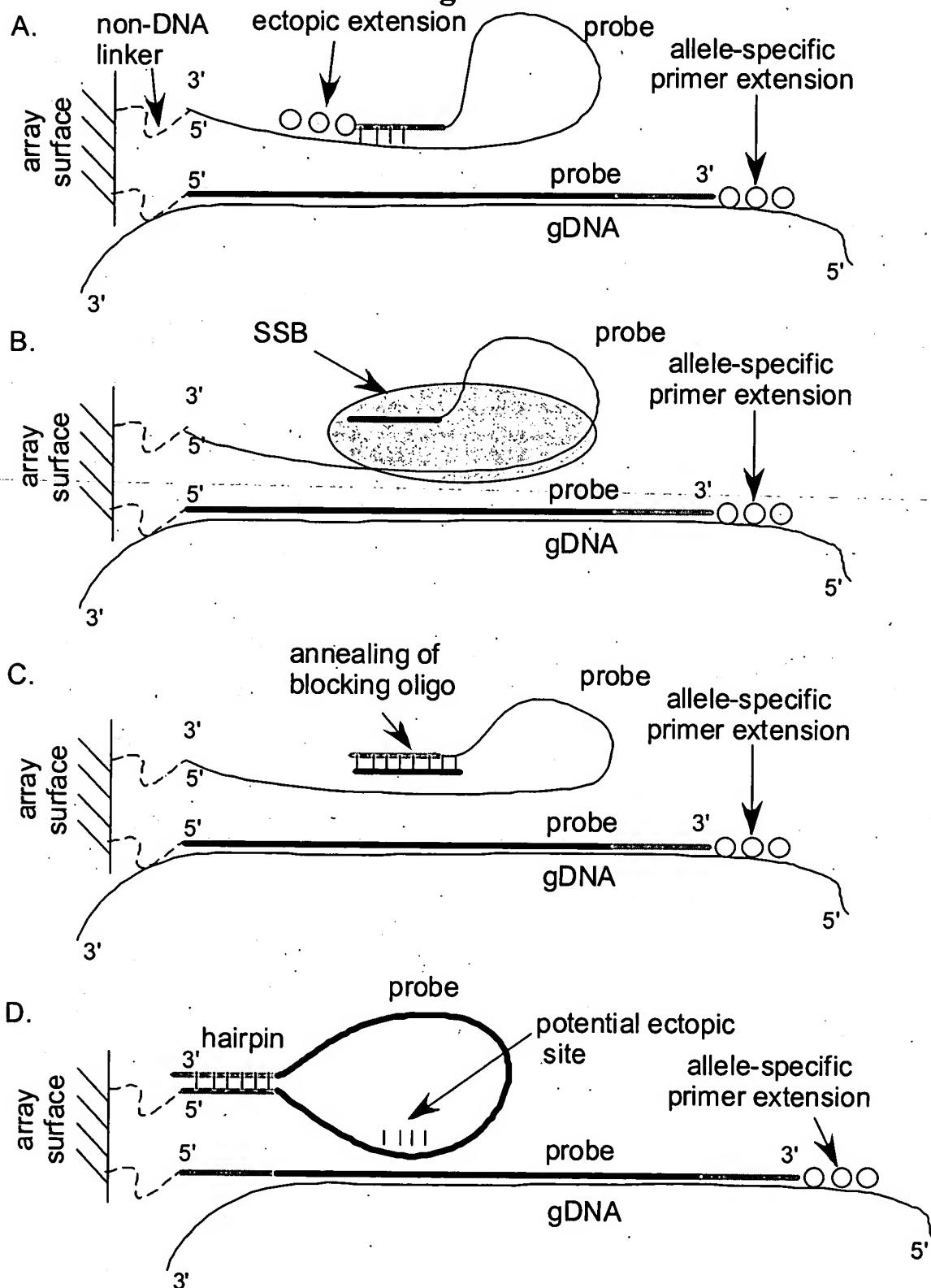
Figure 13

Figure 14

